

TREASURY MANAGEMENT STRATEGY STATEMENT, TREASURY MANAGEMENT POLICY STATEMENT, MINIMUM REVENUE PROVISION POLICY STATEMENT AND ANNUAL INVESTMENT STRATEGY 2019/20

Purpose

To comply with the requirement of the Council's Treasury Management Policy in reporting to Council the proposed strategy for the forthcoming year and the Local Government Act 2003 with the reporting of the Prudential Indicators.

Executive Summary

The Local Government Act 2003 requires the Council to produce prudential indicators in line with the Prudential Code.

This report outlines the Council's prudential indicators for 2019/20 – 2021/22 and sets out the expected Treasury operations for this period. This report and associated tables fulfil the statutory requirement of the Local Government Act 2003 by:

- Reporting the prudential indicators as required by the Chartered Institute of Public Finance and Accountancy (CIPFA) Prudential Code for Capital Finance in Local Authorities;
- Setting the Council's Minimum Revenue Provision (MRP) Policy, which defines how the Council will pay for capital assets through revenue contributions each year (as required by MHCLG MRP Guidance issued in February 2018);
- Setting the Treasury Management Strategy in accordance with the CIPFA Code of Practice on Treasury Management;
- Adopting the Council's Treasury Management Policy Statement as recommended within the CIPFA Code of Practice 2017;
- Setting the Investment Strategy (in accordance with the Ministry of Housing, Communities and Local Government (MHCLG) investment guidance); and
- Affirming the effective management and responsibility for the control of risk and clearly identifying our appetite for risk. The Council's risk appetite is low in order to give priority to **Security**, **Liquidity** then **Yield** (or return on investments).

Under the requirements of the CIPFA Code of Practice and associated Guidance Notes 2017, the following four clauses have been adopted:

- a) This Council will create and maintain, as the cornerstones for effective treasury management:

A treasury management policy statement, stating the policies, objectives and approach to risk management of its treasury management activities; and

Suitable treasury management practices (TMPs) setting out the manner in which the organisation will seek to achieve those policies and objectives, and prescribing how it will manage and control those activities.

- b) This Council will receive reports on its treasury management policies, practices and activities, including as a minimum, an annual strategy and plan in advance of the year, a mid-year review and an annual report after its close.
- c) This Council delegates responsibility for the implementation and regular monitoring of its treasury management policies and practices to Cabinet, and for the execution and administration of treasury management decisions to the Executive Director Finance, who will act in accordance with the organisation's policy statement and TMPs.
- d) This Council nominates the Audit and Governance Committee to be responsible for ensuring effective scrutiny of the treasury management strategy and policies.

Equalities Implications

There are no equalities implications arising from the report.

Legal Implications

Approval of Prudential Indicators and an Annual Investment Strategy is a legal requirement of the Local Government Act 2003. Members are required under the CIPFA Code of Practice to have ownership and understanding when making decisions on Treasury Management matters.

Resource and Value for Money Implications

All financial resource implications are detailed in the body of this report which links to the Council's Medium Term Financial Strategy and Capital Strategy.

Risk Implications

Risk is inherent in Treasury Management and as such a risk based approach has been adopted throughout the report with regard to Treasury Management processes.

A Glossary of terms utilised within the report can be found at **ANNEX 9**.

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Background Papers:-	<i>Budget & Medium Term Financial Strategy 2019/20</i>
	<i>Mid-year Treasury Report 2018/19 Council, 11/12/18</i>
	<i>Annual Treasury Report 2017/18 Council, 11/09/18</i>
	<i>Treasury Management Strategy Statement, Treasury Management Policy Statement, Minimum Revenue Provision Policy Statement & Annual Investment Statement 2018/19 Council 27/02/18</i>
	<i>Treasury Management Training slides 21st February 2018</i>
	<i>CIPFA Code of Practice on Treasury Management in Public Services 2017</i>
	<i>MHCLG Statutory Guidance on Local Government Investments (February 2018)</i>
	<i>Local Government Act 2003</i>
	<i>Treasury Management Practices 2019/20 (Operational Detail)</i>

1. INTRODUCTION

1.1 Background

The Council is required to operate a balanced budget, which broadly means that cash raised during the year will meet cash expenditure. Part of the Treasury Management operation is to ensure that this cash flow is adequately planned, with cash being available when it is needed. Surplus monies are invested in low risk counterparties or instruments commensurate with the Council's low risk appetite, providing adequate liquidity initially before considering investment return.

The second main function of the Treasury Management service is the funding of the Council's capital plans. These capital plans provide a guide to the borrowing need of the Council, essentially the longer term cash flow planning, to ensure that the Council can meet its capital spending obligations. This management of longer term cash may involve arranging long or short term loans, or using longer term cash flow surpluses. On occasion, when it is prudent and economic, any debt previously drawn may be restructured to meet Council risk or cost objectives.

The contribution the treasury management function makes to the Council is critical, as the balance of debt and investment operations ensure liquidity or the ability to meet spending commitments as they fall due, either on day-to-day revenue or for larger capital projects. The treasury operations will see a balance of the interest costs of debt and the investment income arising from cash deposits affecting the available budget. Since cash balances generally result from reserves and balances, it is paramount to ensure adequate security of the sums invested, as a loss of principal will in effect result in a loss to the General Fund Balance.

Whilst any commercial initiatives or loans to third parties will impact on the treasury function, these activities are generally classed as non-treasury activities, (arising usually from capital expenditure), and are separate from the day to day treasury management activities.

CIPFA defines treasury management as:

The management of the local authority's borrowing, investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks.

Revised reporting is required for the 2019/20 reporting cycle due to revisions of the MHCLG Investment Guidance, the MHCLG Minimum Revenue Provision (MRP) Guidance, the CIPFA Prudential Code and the CIPFA Treasury Management Code. The primary reporting changes include the introduction of a capital strategy, to provide a longer-term focus to the capital plans, and greater reporting requirements surrounding any commercial activity undertaken under the Localism Act 2011. The capital strategy is reported at Appendix O.

1.2 Reporting Requirements

1.2.1 Capital Strategy

The CIPFA revised 2017 Prudential and Treasury Management Codes require, for 2019-20, all local authorities to prepare an additional report, a capital strategy report, which will provide the following:

- a high-level long term overview of how capital expenditure, capital financing and treasury management activity contribute to the provision of services
- an overview of how the associated risk is managed
- the implications for future financial sustainability.

The aim of this capital strategy is to ensure that all elected members on the full council fully understand the overall long-term policy objectives and resulting capital strategy requirements, governance procedures and risk appetite.

This capital strategy is reported separately from the Treasury Management Strategy Statement; non-treasury investments will be reported through the former. This ensures the separation of the core treasury function under security, liquidity and yield principles, and the policy and commercialism investments usually driven by expenditure on an asset. The capital strategy will show:

- The corporate governance arrangements for these types of activities;
- Any service objectives relating to the investments;
- The expected income, costs and resulting contribution;
- The debt related to the activity and the associated interest costs;
- The payback period (MRP policy);
- For non-loan type investments, the cost against the current market value;
- The risks associated with each activity.

Where a physical asset is being bought, details of market research, advisers used, (and their monitoring), ongoing costs and investment requirements and any credit information will be disclosed, including the ability to sell the asset and realise the investment cash.

Where the Council has borrowed to fund any non-treasury investment, there should also be an explanation of why borrowing was required and why the MHCLG Investment Guidance and CIPFA Prudential Code have not been adhered to.

If any non-treasury investment sustains a loss during the final accounts and audit process, the strategy and revenue implications will be reported through the same procedure as the capital strategy.

To demonstrate the proportionality between the treasury operations and the non-treasury operation, high-level comparators are shown throughout this report.

1.2.2 Treasury Management Reporting

The Council is currently required to receive and approve, as a minimum, three main reports each year, which incorporate a variety of policies, estimates and actuals.

Prudential and Treasury Indicators and Treasury Strategy (this report) –

The first, and most important, report is forward looking and covers:

- the capital plans (including prudential indicators);
- a Minimum Revenue Provision (MRP) Policy (how residual capital expenditure is charged to revenue over time);
- the Treasury Management Strategy (how the investments and borrowings are to be organised) including treasury indicators; and
- an Investment Strategy (the parameters on how investments are to be managed).

A Mid Year Treasury Management Report

This is primarily a progress report and will update Members on the capital position, amending prudential indicators as necessary, and whether any policies require revision.

An Annual Treasury Report

This is a backward looking review document and provides details of a selection of actual prudential and treasury indicators and actual treasury operations compared to the estimates within the strategy.

Scrutiny

The above reports are required to be adequately scrutinised before being recommended to the Council. This role is undertaken by the Audit and Governance Committee.

1.3 Treasury Management Strategy for 2019/20

The strategy for 2019/20 covers two main areas:

Capital Issues

- the capital expenditure plans and the associated Prudential Indicators;
- the Minimum Revenue Provision (MRP) policy.

Treasury Management Issues

- the current treasury position;
- treasury indicators which will limit the treasury risk and activities of the Council;
- prospects for interest rates;
- the borrowing strategy;
- policy on borrowing in advance of need;
- debt rescheduling;
- the investment strategy;
- creditworthiness policy; and
- policy on use of external service providers

These elements cover the requirements of the Local Government Act 2003, the CIPFA Prudential Code, the MHCLG MRP Guidance, the CIPFA Treasury Management Code and MHCLG Investment Guidance.

1.4 Training

The CIPFA Code requires the responsible officer to ensure that Members with responsibility for treasury management receive adequate training in treasury management. This especially applies to Members responsible for scrutiny. Detailed Treasury Management training was most recently provided in February 2018, and will be provided as and when required.

The training needs of Treasury Management Officers are regularly reviewed.

1.5 Treasury Management Consultants

The Council uses Link Asset Services, Treasury Solutions as its external treasury management advisors.

The Council recognises that responsibility for Treasury Management decisions remains with the organisation at all times and will ensure that undue reliance is not placed upon the services of our external service providers. All decisions will be undertaken with regards to all available information, including, but not solely, our treasury advisors.

It also recognises that there is value in employing external providers of Treasury Management services in order to acquire access to specialist skills and resources. The Council will ensure that the terms of their appointment and the methods by which their value will be assessed are properly agreed and documented, and subjected to regular review.

2. THE CAPITAL PRUDENTIAL INDICATORS 2019/20 – 2021/22

The Council's Capital Expenditure plans are the key driver of Treasury Management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members' overview and confirm capital expenditure plans.

2.1 Capital Expenditure

This prudential Indicator is a summary of the Council's Capital Expenditure plans, both those agreed previously, and those forming part of this budget cycle. Members are asked to approve the capital expenditure forecasts:

Capital Expenditure £m	2017/18 Actual	2018/19 Predicted Outturn*	2018/19 Re- profiling	2019/20 Estimate**	2020/21 Estimate	2021/22 Estimate
Non-HRA	1.545	3.651	4.189	0.983	1.080	1.150
HRA	7.655	10.363	21.294	8.927	8.437	9.552
Commercial Activities/Non- Financial Investments ***	-	7.369	12.631	-	-	-
Total	9.200	21.383	38.114	9.910	9.517	10.702

* Actual Projected at Period 9

** excludes projected slippage from 2018/19

*** commercial activities/non-financial investments relate to areas such as capital expenditure on investment properties & investments in property funds.

Other long-term liabilities - the above financing need excludes other long-term liabilities, such as PFI and leasing arrangements which already include borrowing instruments.

The table below summarises the above capital expenditure plans and how these plans are being financed by capital or revenue resources. Any shortfall of resources results in a funding (borrowing) need.

Capital Financing (GF/HRA)	2017/18 Actual	2018/19 Predicted Outturn*	2018/19 Re- profiling	2019/20 Estimate**	2020/21 Estimate	2021/22 Estimate
Capital Receipts	0.562	9.057	15.237	2.988	1.192	0.675
Capital Grants	1.258	2.584	0.752	0.400	0.400	0.400
Capital Reserves	3.677	3.630	10.844	3.322	4.631	6.247
Revenue Reserves	3.687	5.689	2.702	2.905	2.945	2.855
Revenue Contributions	0.015	0.205	0.345	-	0.030	-
Net financing need for the year	-	0.218	8.234	0.295	0.320	0.525
Total	9.200	21.383	38.114	9.910	9.517	10.702

* Actual Projected at Period 9

** excludes projected slippage from 2018/19

The net financing need for commercial activities/non-financial investments included in the above table against expenditure is shown below:

Commercial Activities/Non-Financial Investments	2017/18 Actual	2018/19 Predicted Outturn*	2018/19 Re- profiling	2019/20 Estimate**	2020/21 Estimate	2021/22 Estimate
Capital Expenditure	-	7.369	12.631	-	-	-
Financing Costs	-	(7.369)	(12.631)	-	-	-
Net financing need for the year	-	-	-	-	-	-
Percentage of total net financing need %	-	-	-	-	-	-

2.2 The Council's Borrowing Need (the Capital Financing Requirement)

The second prudential indicator is the Council's Capital Financing Requirement (CFR). The CFR is simply the total historic outstanding capital expenditure which has not yet been paid for from either revenue or capital resources. It is essentially a measure of the Council's indebtedness and so its underlying borrowing need. Any capital expenditure above, which has not immediately been paid for, will increase the CFR.

The CFR does not increase indefinitely, as the Minimum Revenue Provision (MRP) is a statutory annual revenue charge which broadly reduces the indebtedness in line with each asset's life, and so charges the economic consumption of capital assets as they are used.

The CFR includes any other long term liabilities (e.g. PFI schemes, finance leases). Whilst these increase the CFR, and therefore the Council's borrowing requirement, these types of scheme include a borrowing facility by the PFI lease provider and so the Council is not required to separately borrow for these schemes. The Council currently has no such schemes within the CFR.

The Council is asked to approve the CFR projections below:

£m	2017/18 Actual	2018/19 Revised Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Capital Financing Requirement					
CFR – non housing	0.885	1.037	2.235	2.425	2.801
CFR - housing	68.041	68.041	75.255	75.255	75.255
CFR - commercial activities/non-financial investments	-	-	-	-	-
Total CFR	68.926	69.078	77.490	77.680	78.056
Movement in CFR	(0.058)	0.152	8.412	0.190	0.375

Movement in CFR represented by					
Net financing need for the year (above)	-	0.218	8.529	0.320	0.525
Less MRP/VRP and other financing movements	(0.058)	(0.066)	(0.117)	(0.130)	(0.150)
Movement in CFR	(0.058)	0.152	8.412	0.190	0.375

* CFR 2016/17 £68.984m

A key aspect of the regulatory and professional guidance is that elected members are aware of the size and scope of any commercial activity in relation to the Council's overall financial position. The capital expenditure figures shown in 2.1 and the details above demonstrate the scope of this activity and, by approving these figures, consider the scale proportionate to the Council's remaining activity.

2.3 Core Funds and Expected Investment Balances

The application of resources (capital receipts, reserves etc.) to either finance capital expenditure or other budget decisions to support the revenue budget will have an ongoing impact on investments unless resources are supplemented each year from new sources (asset sales etc.). Detailed below are estimates of the year end balances for each resource and anticipated day to day cash flow balances.

Year End Resources £m	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
Fund Balances/Reserves	35.202	30.684	15.958	13.482	9.792
Capital Receipts	22.253	22.335	5.356	5.219	5.599
Provisions*	3.871	3.871	3.871	3.871	3.871
Other	0.048	0.048	0.048	0.048	0.048
Total Core Funds	61.374	56.938	25.233	22.620	19.310
Working Capital**	5.297	0.467	15.566	17.203	18.545
(Under)/Over Borrowing	(5.866)	(6.018)	(14.430)	(14.620)	(14.996)
Expected Investments	60.805	51.387	26.369	25.203	22.859

* Includes full provision for NNDR appeals

** Working capital balances shown are estimated year end; these may be higher mid year. This figure also includes potential budget reprofiling and cashflow movements in year.

2.4 Minimum Revenue Provision (MRP) Policy Statement

The Council is required to pay off an element of the accumulated General Fund Capital spend each year (the CFR) through a revenue charge (the Minimum Revenue Provision – MRP), although it is also allowed to undertake additional voluntary payments if required (voluntary revenue provision - VRP).

MHCLG Regulations have been issued which require the full Council to approve an **MRP Statement** in advance of each year. A variety of options are provided to councils, so long as there is a prudent provision. The Council is recommended to approve the following MRP Statement:

For Capital Expenditure incurred before 1 April 2008 or which in the future will be Supported Capital Expenditure, the MRP policy will be:

- **Existing practice** - MRP will follow the existing practice outlined in former MHCLG regulations (option 1);

This option provides for an approximate 4% reduction in the borrowing need (CFR) each year.

From 1 April 2008 for all unsupported borrowing (including PFI and finance leases) the MRP policy will be:

- **Asset Life Method** – MRP will be based on the estimated life of the assets, in accordance with the regulations (this option must be applied for any expenditure capitalised under a Capitalisation Direction) (option 3);

This option provides for a reduction in the borrowing need over approximately the asset's life.

There is no requirement on the HRA to make a minimum revenue provision but there is a requirement for a charge for depreciation to be made (although there are transitional arrangements in place).

Repayments included in annual PFI or finance leases are applied as MRP.

3. BORROWING

The capital expenditure plans set out in Section 2 provide details of the service activity of the Council. The Treasury Management function ensures that the Council's cash is organised in accordance with the relevant professional codes, so that sufficient cash is available to meet this service activity and the Council's capital strategy. This will involve both the organisation of the cash flow and, where capital plans require, the organisation of appropriate borrowing facilities. The strategy covers the relevant treasury / prudential indicators, the current and projected debt positions and the annual investment strategy.

3.1 Current Portfolio Position

The overall Treasury Management portfolio as at 31st March 2018 and for the position as at 31st December 2018 are shown below for both borrowing and investments.

	TREASURY PORTFOLIO			
	ACTUAL AT 31/3/18		CURRENT AT 31/12/18	
	£m	%	£m	%
Treasury Investments				
Banks	41.001	67.46	38	51.5
Building Societies	4.000	6.58	2	2.7
Local Authorities	-	0.00	9	12.2
DMADF (H M Treasury)	-	0.00	-	-
Money Market Funds	9.77	16.08	10.929	14.8
Certificates of Deposit	6.003	9.88	10.002	13.6
Total Managed in-House	60.774	100	69.931	94.8
Bond Funds	-	-	-	-
Property Funds	-	-	3.831	5.2
Total Managed Externally	-	-	3.831	5.2
Total Treasury Investments	60.774	100	73.762	100
Treasury External Borrowing				
Local Authorities	-	-	-	-
PWLB	63.06	100	63.06	100
Total External Borrowing	63.06	100	63.06	100
Net Treasury Investments/(Borrowing)	(2.286)		10.702	

The Council's forward projections for borrowing are summarised below. The table shows the actual external debt, against the underlying capital borrowing need (the Capital Financing Requirement - CFR), highlighting any over or under borrowing.

Treasury Portfolio	2017/18 Actual £000's	2018/19 Estimate £000's	2019/20 Estimate £000's	2020/21 Estimate £000's	2021/22 Estimate £000's
External Debt					
Debt at 1st April	63.060	63.060	63.060	63.060	63.060
Expected change in Debt	-	-	-	-	-
Actual gross debt at 31st March	63.060	63.060	63.060	63.060	63.060
The Capital Financing Requirement	68.926	69.078	77.490	77.680	78.056
Under / (over) borrowing	5.866	6.018	14.430	14.620	14.996

Within the prudential indicators there are a number of key indicators to ensure that the Council operates its activities within well defined limits. One of these is that the Council needs to ensure that its gross debt does not, except in the short term, exceed the total of the CFR in the preceding year plus the estimates of any additional CFR for 2019/20 and the following two financial years. This allows some flexibility for limited early borrowing for future years, but ensures that borrowing is not undertaken for revenue or speculative purposes.

The Executive Director Finance (the Section 151 Officer) reports that the Council complied with this prudential indicator in the current year and does not envisage difficulties for the future. This view takes into account current commitments, existing plans, and the proposals in this budget report.

3.2. Treasury Indicators: Limits to Borrowing Activity

The Operational Boundary - This is the limit beyond which external debt is not normally expected to exceed. In most cases, this would be a similar figure to the CFR, but may be lower or higher depending on the levels of actual debt and the ability to fund under-borrowing by other cash resources.

Operational Boundary	2018/19 Estimate £m	2019/20 Estimate £m	2020/21 Estimate £m	2021/22 Estimate £m
Borrowing	63.060	63.060	63.060	63.060
Other long term liabilities	-	-	-	-
Commercial Activities/non-financial Investments	-	-	-	-
Total	63.060	63.060	63.060	63.060

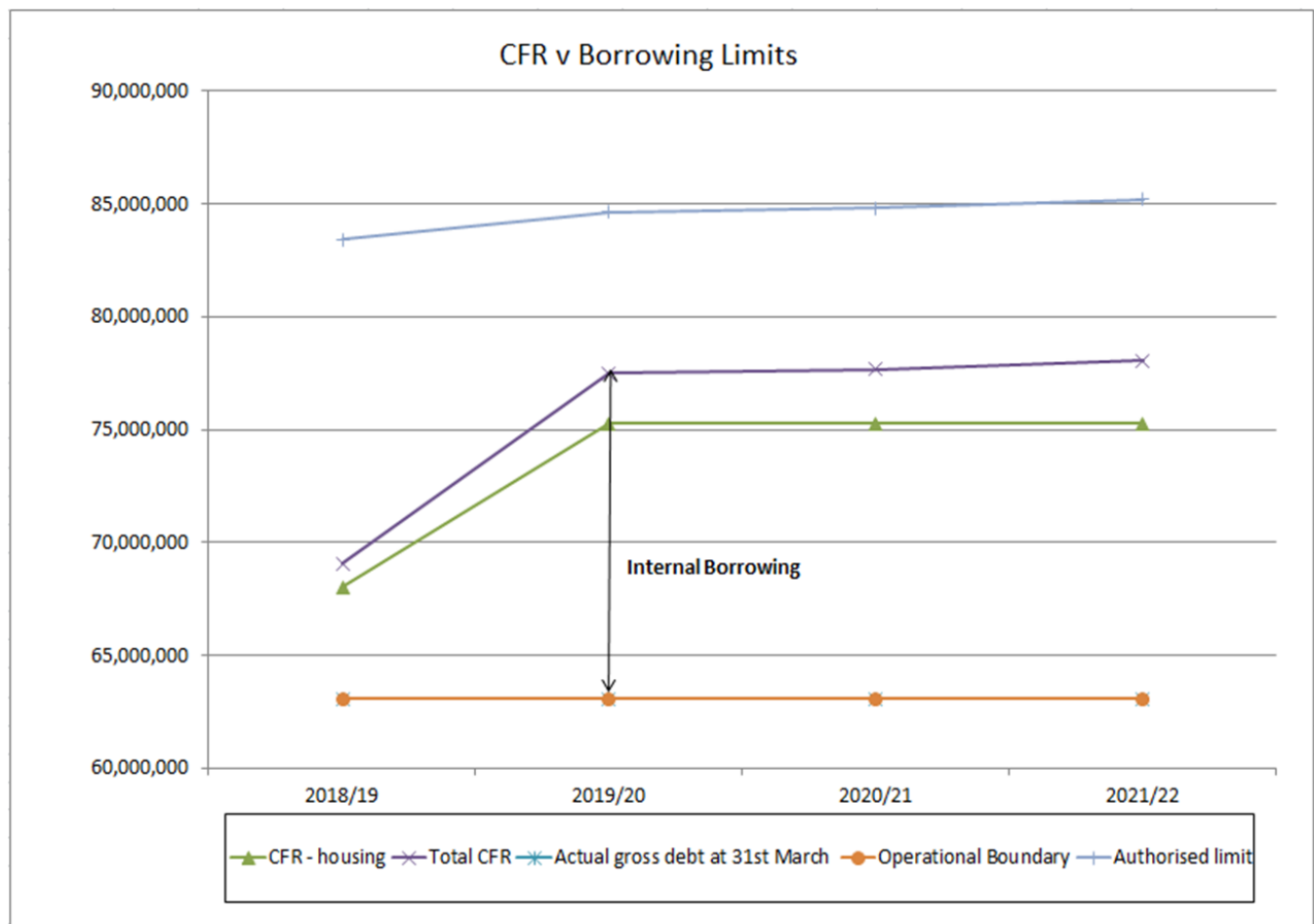
The Authorised Limit for external debt – This is a key prudential indicator and represents a control on the maximum level of borrowing. This represents a legal limit beyond which external debt is prohibited, and this limit needs to be set or revised by the full Council. It reflects the level of external debt which, while not desired, could be afforded in the short term, but is not sustainable in the longer term.

This is the statutory limit determined under section 3 (1) of the Local Government Act 2003. The Government retains an option to control either the total of all councils’ plans, or those of a specific council, although this power has not yet been exercised.

The Council is asked to approve the following Authorised Limit:

Authorised limit	2018/19 Estimate £m	2019/20 Estimate £m	2020/21 Estimate £m	2021/22 Estimate £m
Borrowing	83.444	84.642	84.832	85.208
Total	83.444	84.642	84.832	85.208

Separately, the Council was also limited to a maximum HRA CFR through the HRA self-financing regime – this was set at £79.407m but has now been repealed. This information is summarised graphically below:



3.3. Prospects for Interest Rates

A more detailed interest rate view and economic commentary are at **ANNEXES 2 & 3**.

The Council has appointed Link Asset Services as its Treasury Advisor and part of their service is to assist the Council to formulate a view on interest rates. The following table gives their central view.

Link Asset Services Interest Rate View													
	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
Bank Rate View	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%	1.25%	1.50%	1.50%	1.75%	1.75%	1.75%	2.00%
3 Month LIBID	0.90%	1.00%	1.10%	1.20%	1.30%	1.40%	1.50%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%
6 Month LIBID	1.00%	1.20%	1.30%	1.40%	1.50%	1.60%	1.70%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%
12 Month LIBID	1.20%	1.30%	1.40%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%	2.30%	2.40%
5yr PWLB Rate	2.10%	2.20%	2.20%	2.30%	2.30%	2.40%	2.50%	2.50%	2.60%	2.60%	2.70%	2.80%	2.80%
10yr PWLB Rate	2.50%	2.60%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.10%	3.10%	3.20%	3.20%
25yr PWLB Rate	2.90%	3.00%	3.10%	3.10%	3.20%	3.30%	3.30%	3.40%	3.40%	3.50%	3.50%	3.60%	3.60%
50yr PWLB Rate	2.70%	2.80%	2.90%	2.90%	3.00%	3.10%	3.10%	3.20%	3.20%	3.30%	3.30%	3.40%	3.40%

The flow of generally positive economic statistics after the quarter ended 30 June meant that it came as no surprise that the MPC came to a decision on 2 August to make the first increase in Bank Rate above 0.5% since the financial crash, from 0.5% to 0.75%. Growth became increasingly strong during 2018 until slowing significantly during the last quarter. At their November quarterly Inflation Report meeting, the MPC left Bank Rate unchanged, but expressed some concern at the Chancellor's fiscal stimulus in his Budget, which could increase inflationary pressures. However, it is unlikely that the MPC would increase Bank Rate in February 2019, ahead of the deadline in March for Brexit. On a major assumption that Parliament and the EU agree a Brexit deal in the first quarter of 2019, then the next increase in Bank Rate is forecast to be in May 2019, followed by increases in February and November 2020, before ending up at 2.0% in February 2022.

The overall longer run future trend is for gilt yields, and consequently PWLB rates, to rise, albeit gently. However, over about the last 25 years, we have been through a period of falling bond yields as inflation subsided to, and then stabilised at, much lower levels than before, and supported by central banks implementing substantial quantitative easing purchases of government and other debt after the financial crash of 2008. Quantitative easing, conversely, also caused a rise in equity values as investors searched for higher returns and purchased riskier assets. In 2016, we saw the start of a reversal of this trend with a sharp rise in bond yields after the US Presidential election in November 2016, with yields then rising further as a result of the big increase in the US government deficit aimed at stimulating even stronger economic growth. That policy change also created concerns around a significant rise in inflationary pressures in an economy which was already running at remarkably low levels of unemployment. Unsurprisingly, the Fed has continued on its series of robust responses to combat its perception of rising inflationary pressures by repeatedly increasing the Fed rate to reach 2.25 – 2.50% in December 2018. It has also continued its policy of not fully reinvesting proceeds from bonds that it holds as a result of quantitative easing, when they mature. We therefore saw US 10 year bond Treasury yields rise above 3.2% during October 2018 and also investors causing a sharp fall in equity prices as they sold out of holding riskier assets. However, by early January 2019, US 10 year bond yields had fallen back considerably on fears that the Fed was being too aggressive in raising interest rates and was going to cause a recession. Equity prices have been very volatile on alternating good and bad news during this period.

From time to time, gilt yields, and therefore PWLB rates, can be subject to exceptional levels of volatility due to geo-political, sovereign debt crisis, emerging market developments and sharp changes in investor sentiment. Such volatility could occur at any time during the forecast period.

Economic and interest rate forecasting remains difficult with so many external influences weighing on the UK. The above forecasts, (and MPC decisions), will be liable to further amendment depending on how economic data and developments in financial markets transpire over the next year. Geopolitical developments, especially in the EU, could also have a major impact. Forecasts for average investment earnings beyond the three-year time horizon will be heavily dependent on economic and political developments.

Investment and borrowing rates

Investment returns are likely to remain low during 2019/20 but to be on a gently rising trend over the next few years.

Borrowing interest rates have been volatile so far in 2018-19 and while they were on a rising trend during the first half of the year, they have backtracked since then until early January. The policy of avoiding new borrowing by running down spare cash balances has served well over the last few years. However, this needs to be carefully reviewed to avoid incurring higher borrowing costs in the future when authorities may not be able to avoid new borrowing to finance capital expenditure and/or the refinancing of maturing debt.

There will remain a cost of carry, (the difference between higher borrowing costs and lower investment returns), to any new long-term borrowing that causes a temporary increase in cash balances as this position will, most likely, incur a revenue cost.

3.4 Borrowing Strategy

The Council is currently maintaining an under-borrowed position. This means that the capital borrowing need (the Capital Financing Requirement), has not been fully funded with loan debt as cash supporting the Council's reserves, balances and cash flow has been used as a temporary measure. This strategy is prudent as investment returns are low and counterparty risk is still an issue that needs to be considered.

Against this background and the risks within the economic forecast, caution will be adopted with the 2019/20 treasury operations. The Executive Director Finance will monitor interest rates in financial markets and adopt a pragmatic approach to changing circumstances:

- * *if it was felt that there was a significant risk of a sharp FALL in long and short term rates (e.g. due to a marked increase of risks around relapse into recession or of risks of deflation), then long term borrowings will be postponed, and potential rescheduling from fixed rate funding into short term borrowing will be considered.*
- * *if it was felt that there was a significant risk of a much sharper RISE in long and short term rates than that currently forecast, perhaps arising from an acceleration in the rate of increase in central rates in the USA and UK, an increase in world economic activity or a sudden increase in inflation risks, then the portfolio position will be re-appraised. Most likely, fixed rate funding will be drawn whilst interest rates are lower than they are projected to be in the next few years.*

Any decisions will be reported to Council at the next available opportunity.

3.5 Policy on Borrowing in Advance of Need

The Council will not borrow more than or in advance of its needs purely in order to profit from the investment of the extra sums borrowed. Any decision to borrow in advance will be within forward approved Capital Financing Requirement estimates, and will be considered carefully to ensure that value for money can be demonstrated and that the Council can ensure the security of such funds.

Risks associated with any borrowing in advance activity will be subject to prior appraisal and subsequent reporting through the mid-year or annual reporting mechanism.

3.6. Debt Rescheduling

As short term borrowing rates will be considerably cheaper than longer term fixed interest rates, there may be potential opportunities to generate savings by switching from long term debt to short term debt. However, these savings will need to be considered in the light of the current treasury position and the size of the cost of debt repayment (premiums incurred).

The reasons for any rescheduling to take place will include:

- * the generation of cash savings and / or discounted cash flow savings;
- * helping to fulfil the treasury strategy; and
- * enhance the balance of the portfolio (amend the maturity profile and/or the balance of volatility).

Consideration will also be given to identifying if there is any residual potential for making savings by running down investment balances to repay debt prematurely as short term rates on investments are likely to be lower than rates paid on current debt.

All rescheduling will be reported to the Council, at the earliest meeting following its action.

3.7 Municipal Bond Agency

It is possible that the Municipal Bond Agency will be offering loans to local authorities in the future. The Agency hopes that the borrowing rates will be lower than those offered by the Public Works Loan Board (PWLB). The Council may make use of this new source of borrowing as and when appropriate.

4. ANNUAL INVESTMENT STRATEGY

4.1 Investment Policy – Management of Risk

The MHCLG and CIPFA have extended the meaning of ‘investments’ to include both financial and non-financial investments. This report deals solely with financial investments (as managed by the treasury management team). Non-financial investments, essentially the purchase of income yielding assets, are covered in the Capital Strategy.

The Council’s investment policy has regard to the following:-

- MHCLG’s Guidance on Local Government Investments (“the Guidance”)

- CIPFA Treasury Management in Public Services Code of Practice and Cross Sectoral Guidance Notes 2017 (“the Code”)
- CIPFA Treasury Management Guidance Notes 2018

The Council’s investment priorities will be security first, portfolio liquidity second, and then yield (return).

The above guidance from the MHCLG and CIPFA place a high priority on the management of risk. This Council has adopted a prudent approach to managing risk and defines its risk appetite by the following means:-

- 1) Minimum acceptable **credit criteria** are applied in order to generate a list of highly creditworthy counterparties. This also enables diversification and thus avoidance of concentration risk. The key ratings used to monitor counterparties are the Short Term and Long Term ratings.
- 2) **Other Information:** Ratings will not be the sole determinant of the quality of an institution; it is important to continually assess and monitor the financial sector on both a micro and macro basis and in relation to the economic and political environments in which institutions operate. The assessment will also take account of information that reflects the opinion of the markets. To achieve this consideration the Council will engage with its advisors to maintain a monitor on market pricing such as “credit default swaps” and overlay that information on top of the credit ratings.
- 3) **Other information sources** used will include the financial press, share price and other such information pertaining to the banking sector in order to establish the most robust scrutiny process on the suitability of potential investment counterparties.
- 4) This Council has defined the list of **types of investment instruments** that the Treasury Management team, are authorised to use. There are two lists in Annex 4 under the categories of ‘specified’ and ‘non-specified’ investments.
 - a) **Specified investments** are those with a high level of credit quality and subject to a maturity limit of one year.
 - b) **Non-specified investments** are those with less high credit quality, may be for periods in excess of one year, and/or are more complex instruments which require greater consideration by members and officers before being authorised for use.
- 5) **Non-specified investments limit.** The Council has determined that it will limit the maximum total exposure to non-specified investments as being 25% of the total investment portfolio (see paragraph 4.3)
- 6) **Lending limits** (amounts and maturity) for each counterparty will be set though applying the matrix table in paragraph 4.2
- 7) **Transaction limits** are set for each type of investment in 4.2

- 8) This Council will set a limit for the amount of its investments which are invested for **longer than 365 days** (see paragraph 4.4)
- 9) Investments will only be placed with counterparties from countries with a specified minimum **sovereign rating** (see paragraph 4.3)
- 10) This Council has engaged **external consultants** (see paragraph 1.5) to provide expert advice on how to optimise an appropriate balance of security, liquidity and yield, given the risk appetite of this Council in the context of the expected level of cash balances and need for liquidity throughout the year.
- 11) All investments will be denominated in **sterling**.
- 12) As a result of the change in accounting standards for 2018/19 under IFRS 9, this Council will consider the implications of investment instruments which could result in an adverse movement in the value of the amount invested and resultant charges at the end of the year to the General Fund. In November 2018, MHCLG concluded consultation for a temporary override to allow English local authorities time to adjust their portfolio of all pooled investments by announcing a statutory override to delay implementation of IFRS 9 for five years commencing 1st April 2018.

This Council will also pursue **value for money** in treasury management and will monitor the yield from investment income against appropriate benchmarks for investment performance (see paragraph 4.5). Regular monitoring of investment performance will be carried out during the year.

Changes in risk management policy from last year. The above criteria are unchanged from last year.

4.2 Creditworthiness Policy

This Council applies the creditworthiness service provided by Link Asset Services. This service employs a sophisticated modelling approach utilising credit ratings from the three main credit rating agencies - Fitch, Moody's and Standard and Poor's. The credit ratings of counterparties are supplemented with the following overlays:

- credit watches and credit outlooks from credit rating agencies;
- CDS spreads to give early warning of likely changes in credit ratings;
- sovereign ratings to select counterparties from only the most creditworthy countries.

This modelling approach combines credit ratings, credit watches and credit outlooks in a weighted scoring system which is then combined with an overlay of CDS spreads for which the end product is a series of colour coded bands which indicate the relative creditworthiness of counterparties. These colour codes are used by the Council to determine the suggested duration for investments.

The Council will therefore use counterparties within the following durational bands:

- Yellow 5 years *
- Dark pink 5 years for Ultra-Short Dated Bond Funds with a credit score of 1.25
- Light pink 5 years for Ultra-Short Dated Bond Funds with a credit score of 1.5
- Purple 2 years
- Blue 1 year (only applies to nationalised or semi nationalised UK Banks)
- Orange 1 year
- Red 6 months
- Green 100 days
- No colour not to be used

Y	Pi1	Pi2	P	B	O	R	G	N/C
1	1.25	1.5	2	3	4	5	6	7
Up to 5yrs	Up to 5yrs	Up to 5yrs	Up to 2yrs	Up to 1yr	Up to 1yr	Up to 6mths	Up to 100days	No Colour

The Link Asset Services' creditworthiness service uses a wider array of information other than just primary ratings. Furthermore, by using a risk weighted scoring system, it does not give undue preponderance to just one agency's ratings.

Typically the minimum credit ratings criteria the Council uses will be a short term rating (Fitch or equivalents) of F1 and a Long Term rating of A-. There may be occasions when the counterparty ratings from one rating agency are marginally lower than these ratings but may still be used. In these instances consideration will be given to the whole range of ratings available, or other topical market information, to support their use.

All credit ratings will be monitored on a daily basis/as and when notified. The Council is alerted to changes to ratings of all three agencies through its use of the Link Asset Services' creditworthiness service:

- if a downgrade results in the counterparty / investment scheme no longer meeting the Council's minimum criteria, its further use as a new investment will be withdrawn immediately;
- in addition to the use of credit ratings the Council will be advised of information in movements in credit default swap spreads against the iTraxx benchmark and other market data on a daily basis via its Passport website, provided exclusively to it by Link Asset Services. Extreme market movements may result in downgrade of an institution or removal from the Council's lending list.

Sole reliance will not be placed on the use of this external service. In addition this Council will also use market data, market information and information on any external support for banks, to help support its decision making process.

Counterparty	Colour (and long term rating where applicable)	Money and/or % Limit	Time Limit
Banks/Building Societies *	Yellow	£10m	5yrs
Banks/Building Societies	Purple	£10m	2 yrs
Banks/Building Societies	Orange	£10m	1 yr
Banks – part nationalised	Blue	£10m	1 yr
Banks/Building Societies	Red	£10m	6 mths
Banks/Building Societies	green	£10m	100 days
Banks/Building Societies	No colour	Not to be used	
Council’s banker (where “No Colour”)	No colour	£2m	1 day
DMADF	UK sovereign rating	£10m	6 months
Local authorities	n/a	£10m	5yrs
Money Market Funds CNAV	AAA	£10m	liquid
Money Market Funds LVNAV	AAA	£10m	liquid
Money Market Funds VNAV	AAA	£10m	liquid

** Please note: the yellow colour category is for UK Government debt, or its equivalent, money market funds and collateralised deposits where the collateral is UK Government debt – see Annex 4.*

UK banks – ring fencing

The largest UK banks, (those with more than £25bn of retail / Small and Medium-sized Enterprise (SME) deposits), are required, by UK law, to separate core retail banking services from their investment and international banking activities by 1st January 2019. This is known as “ring-fencing”. Whilst smaller banks with less than £25bn in deposits are exempt, they can choose to opt up. Several banks are very close to the threshold already and so may come into scope in the future regardless.

Ring-fencing is a regulatory initiative created in response to the global financial crisis. It mandates the separation of retail and SME deposits from investment banking, in order to improve the resilience and resolvability of banks by changing their structure. In general, simpler activities offered from within a ring-fenced bank (RFB), will be focused on lower risk, day-to-day core transactions, whilst more complex and “riskier” activities are required to be housed in a separate entity, a non-ring-fenced bank (NRFB). This is intended to ensure that an entity’s core activities are not adversely affected by the acts or omissions of other members of its group.

While the structure of the banks included within this process may have changed, the fundamentals of credit assessment have not. The Council will continue to assess the new-formed entities in the same way that it does others and those with sufficiently high ratings, (and any other metrics considered), will be considered for investment purposes.

4.3 Country Limits

Due care will be taken to consider the exposure of the Council’s total investment portfolio to non-specified investments, countries, groups and sectors.

- a) **Non-specified investment limit.** The Council has determined that it will limit the maximum total exposure to non-specified investments as being 25% of the total investment portfolio.
- b) **Country limit.** The Council has determined that it will only use approved counterparties from the UK and from countries with a minimum sovereign credit rating of ‘AA-’ from Fitch. The list of countries that qualify using this credit criteria as at the date of this report are shown in Annex 5. This list will be added to, or deducted from, by officers should ratings change in accordance with this policy.
- c) **Other limits. In addition:-**
 - no more than 25% will be placed with any non-UK country at any time;
 - a limit of £14m per group will apply to a group of companies;
 - sector limits will be monitored regularly for appropriateness.

4.4 Investment Strategy

In-house funds. Investments will be made with reference to the core balance and cash flow requirements and the outlook for short-term interest rates (i.e. rates for investments up to 12 months). Greater returns are usually obtainable by investing for longer periods. While most cash balances are required in order to manager the ups and downs of cash flows, where cash sums can be identified that could be invested for longer periods, the value to be obtained from longer term investments will be carefully assessed.

- If it is thought that Bank Rate is likely to rise significantly within the time horizon being considered, then consideration will be given to keeping most investments as being short term or variable.
- Conversely, if it is thought that Bank Rate is likely to fall within that time period, consideration will be given to locking in higher rates currently obtainable, for longer periods.

Investment Returns Expectations.

On the assumption that the UK and EU agree a Brexit deal in Spring 2019, then Bank Rate is forecast to increase steadily but slowly over the next few years to reach 2.00% by quarter 1 2022. Bank Rate forecasts for financial year ends (March) are:

- 2018/19 0.75%
- 2019/20 1.25%
- 2020/21 1.50%
- 2021/22 2.00%

The suggested budgeted investment earnings rates for returns on investments placed for periods up to about three months during each financial year are as follows:

Year	Now
2018/19	0.75%
2019/20	1.00%
2020/21	1.50%
2021/22	1.75%
2022/23	1.75%
2023/24	2.00%
Later years	2.50%

The overall balance of risks to economic growth in the UK is probably neutral.

The balance of risks to increases in Bank Rate and shorter term PWLB rates are probably also even and are dependent on how strong GDP growth turns out, how slowly inflation pressures subside, and how quickly the Brexit negotiations move forward positively.

Investment Treasury Indicator and Limit - total principal funds invested for greater than 365 days. These limits are set with regard to the Council's liquidity requirements and to reduce the need for early sale of an investment, and are based on the availability of funds after each year-end.

The Council is asked to approve the treasury indicator and limit: -

Upper limit for principal sums invested for longer than 365 days			
	2018/19 £m	2019/20 £m	2020/21 £m
Principal sums invested > 365 days	20.000	6.592	6.301
Current investments as at 31.12.18 in excess of 1 year maturing in each year	-	-	-

For its cash flow generated balances, the Council will seek to utilise its business reserve instant access and notice accounts, money market funds and short-dated deposits (overnight to 100 days) in order to benefit from the compounding of interest.

4.5 Investment Risk Benchmarking

This Council will use an investment benchmark to assess the investment performance of its investment portfolio of 3 month LIBID.

4.6 End of year investment report

At the end of the financial year, the Council will report on its investment activity as part of its Annual Treasury Report.

5. ANNEXES

1. Prudential and Treasury Indicators
2. Interest Rate Forecasts
3. Economic Background
4. TMP 1 Credit & Counterparty Risk Management
5. Approved Countries for investments
6. Treasury Management Scheme of Delegation
7. The Treasury Management Role of the Section 151 Officer
8. Treasury Management Practices
9. Treasury Management Glossary of Terms
10. Prudential Indicators – Definitions/Interpretation

ANNEX 1

THE CAPITAL PRUDENTIAL AND TREASURY INDICATORS 2018/19 – 2020/21

The Council's capital expenditure plans are the key driver of treasury management activity. The output of the capital expenditure plans is reflected in the prudential indicators, which are designed to assist members' overview and confirm capital expenditure plans.

1 Capital expenditure

A breakdown of capital expenditure by Directorate is detailed within the Performance Healthcheck reported quarterly to Cabinet.

2 Affordability Prudential Indicators

The previous sections cover the overall capital and control of borrowing prudential indicators, but within this framework prudential indicators are required to assess the affordability of the capital investment plans. These provide an indication of the impact of the capital investment plans on the Council's overall finances. The Council is asked to approve the following indicators:

a) Ratio of financing costs to net revenue stream.

This indicator identifies the trend in the cost of capital (borrowing and other long term obligation costs net of investment income) against the net revenue stream (net cost of services).

Ratio of financing costs to net revenue stream.	2017/18 Actual %	2018/19 Estimate %	2019/20 Estimate %	2020/21 Estimate %	2021/22 Estimate %
Non-HRA	(2.84)%	(1.77)%	(3.01)%	(2.56)%	(2.58)%
HRA	28.93%	39.13%	29.39%	29.25%	28.47%
Commercial Activities/non-Financial Investments	0.00%	(2.06)%	(3.84)%	(6.94)%	(6.89)%

The estimates of financing costs include current commitments and the proposals in this budget report.

Commercial Activities/non-Financial Investments includes investments in property funds and the return on the Gungate Site purchase.

b) Housing Revenue Account Debt Ratios

HRA Debt to Revenues Ratio	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
HRA Debt £m *	68.041	68.041	75.255	75.255	75.255
HRA Revenues £m	18.011	17.752	17.823	17.909	18.325
Ratio of Debt to Revenues %	378	383	422	420	411

* The HRA's notional debt borrowing requirement

HRA Debt per Dwelling	2017/18 Actual	2018/19 Estimate	2019/20 Estimate	2020/21 Estimate	2021/22 Estimate
HRA Debt £m	68.041	68.041	75.255	75.255	75.255
Number of HRA Dwellings	4,316	4,206	4,279	4,229	4,179
Debt per Dwelling £'000	15.767	16.177	17.587	17.795	18.008

3 Maturity Structure of Borrowing

These gross limits are set to reduce the Council's exposure to large fixed rate sums falling due for refinancing, and are required for upper and lower limits.

The Council is asked to approve the following treasury indicators and limits:

Maturity structure of Fixed Interest Rate borrowing 2019/20		
Timeline	Lower	Upper
Under 12 months	0%	20%
12 months to 2 years	0%	20%
2 years to 5 years	0%	25%
5 years to 10 years	0%	75%
10 years and above	0%	100%

Maturity structure of Variable Interest Rate borrowing 2019/20		
Timeline	Lower	Upper
Under 12 months	0%	20%
12 months to 2 years	0%	20%
2 years to 5 years	0%	25%
5 years to 10 years	0%	75%
10 years and above	0%	100%

4 Control of Interest Rate Exposure

Please see paragraphs 3.3, 3.4 and 4.4

ANNEX 2 Interest Rate Forecasts 2019 – 2022

PWLB forecasts are based on PWLB certainty rates.

Link Asset Services Interest Rate View													
	Mar-19	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22
Bank Rate View	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%	1.25%	1.50%	1.50%	1.75%	1.75%	1.75%	2.00%
3 Month LIBID	0.90%	1.00%	1.10%	1.20%	1.30%	1.40%	1.50%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%
6 Month LIBID	1.00%	1.20%	1.30%	1.40%	1.50%	1.60%	1.70%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%
12 Month LIBID	1.20%	1.30%	1.40%	1.50%	1.60%	1.70%	1.80%	1.90%	2.00%	2.10%	2.20%	2.30%	2.40%
5yr PWLB Rate	2.10%	2.20%	2.20%	2.30%	2.30%	2.40%	2.50%	2.50%	2.60%	2.60%	2.70%	2.80%	2.80%
10yr PWLB Rate	2.50%	2.60%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.10%	3.10%	3.20%	3.20%
25yr PWLB Rate	2.90%	3.00%	3.10%	3.10%	3.20%	3.30%	3.30%	3.40%	3.40%	3.50%	3.50%	3.60%	3.60%
50yr PWLB Rate	2.70%	2.80%	2.90%	2.90%	3.00%	3.10%	3.10%	3.20%	3.20%	3.30%	3.30%	3.40%	3.40%
Bank Rate													
Link Asset Services	0.75%	1.00%	1.00%	1.00%	1.25%	1.25%	1.25%	1.50%	1.50%	1.75%	1.75%	1.75%	2.00%
Capital Economics	0.75%	1.00%	1.25%	1.50%	1.70%	1.75%	2.00%	2.00%	-	-	-	-	-
5yr PWLB Rate													
Link Asset Services	2.10%	2.20%	2.20%	2.30%	2.30%	2.40%	2.50%	2.50%	2.60%	2.60%	2.70%	2.80%	2.80%
Capital Economics	2.03%	2.15%	2.40%	2.65%	2.70%	2.75%	2.80%	2.85%	-	-	-	-	-
10yr PWLB Rate													
Link Asset Services	2.50%	2.60%	2.60%	2.70%	2.80%	2.90%	2.90%	3.00%	3.00%	3.10%	3.10%	3.20%	3.20%
Capital Economics	2.43%	2.55%	2.80%	3.05%	3.05%	3.05%	3.05%	3.05%	-	-	-	-	-
25yr PWLB Rate													
Link Asset Services	2.90%	3.00%	3.10%	3.10%	3.20%	3.30%	3.30%	3.40%	3.40%	3.50%	3.50%	3.60%	3.60%
Capital Economics	2.96%	3.08%	3.33%	3.58%	3.53%	3.48%	3.43%	3.38%	-	-	-	-	-
50yr PWLB Rate													
Link Asset Services	2.70%	2.80%	2.90%	2.90%	3.00%	3.10%	3.10%	3.20%	3.20%	3.30%	3.30%	3.40%	3.40%
Capital Economics	2.78%	2.90%	3.15%	3.40%	3.40%	3.40%	3.40%	3.40%	-	-	-	-	-

ANNEX 3 ECONOMIC BACKGROUND

GLOBAL OUTLOOK. **World growth** has been doing reasonably well, aided by strong growth in the US. However, US growth is likely to fall back in 2019 and, together with weakening economic activity in China and the eurozone, overall world growth is likely to weaken.

Inflation has been weak during 2018 but, at long last, unemployment falling to remarkably low levels in the US and UK has led to a marked acceleration of wage inflation. The US Fed has therefore increased rates nine times and the Bank of England twice. However, the ECB is unlikely to start raising rates until late in 2019 at the earliest.

KEY RISKS - central bank monetary policy measures

Looking back on nearly ten years since the financial crash of 2008 when liquidity suddenly dried up in financial markets, it can be assessed that central banks' monetary policy measures to counter the sharp world recession were successful. The key monetary policy measures they used were a combination of lowering central interest rates and flooding financial markets with liquidity, particularly through unconventional means such as quantitative easing (QE), where central banks bought large amounts of central government debt and smaller sums of other debt.

The key issue now is that that period of stimulating economic recovery and warding off the threat of deflation is coming towards its close. A new period is well advanced in the US, and started more recently in the UK, of reversing those measures i.e. by raising central rates and (for the US) reducing central banks' holdings of government and other debt. These measures are now required in order to stop the trend of a reduction in spare capacity in the economy and of unemployment falling to such low levels, that the re-emergence of inflation is viewed as a major risk. It is, therefore, crucial that central banks get their timing right and do not cause shocks to market expectations that could destabilise financial markets. In particular, a key risk is that because QE-driven purchases of bonds drove up the price of government debt, and therefore caused a sharp drop in income yields, this also encouraged investors into a search for yield and into investing in riskier assets such as equities. Consequently, prices in both bond and equity markets rose to historically high valuation levels simultaneously. This meant that both asset categories were exposed to the risk of a sharp downward correction and we did indeed see a sharp fall in equity values in the last quarter of 2018. It is important, therefore, that central banks only gradually unwind their holdings of bonds in order to prevent destabilising the financial markets. It is also likely that the timeframe for central banks unwinding their holdings of QE debt purchases will be over several years. They need to balance their timing to neither squash economic recovery, by taking too rapid and too strong action, or, conversely, let inflation run away by taking action that was too slow and/or too weak. **The potential for central banks to get this timing and strength of action wrong are now key risks.** At the time of writing, (early January 2019), financial markets are very concerned that the Fed is being too aggressive with its policy for raising interest rates and is likely to cause a recession in the US economy.

The world economy also needs to adjust to a sharp change in **liquidity creation** over the last five years where the US has moved from boosting liquidity by QE purchases, to reducing its holdings of debt, (currently about \$50bn per month). In addition, the European Central Bank ended its QE purchases in December 2018.

UK. The flow of positive economic statistics since the end of the first quarter of 2018 has shown that pessimism was overdone about the poor growth in quarter 1 when adverse weather caused a temporary downward blip. Quarter 1 at 0.1% growth in GDP was followed by a return to 0.4% in quarter 2 and by a strong performance in quarter 3 of +0.6%. However, growth in quarter 4 is expected to weaken significantly.

At their November quarterly Inflation Report meeting, the MPC repeated their well-worn phrase that future Bank Rate increases would be gradual and would rise to a much lower equilibrium rate, (where monetary policy is neither expansionary or contractionary), than before the crash; indeed they gave a figure for this of around 2.5% in ten years' time, but declined to give a medium term forecast. However, with so much uncertainty around Brexit, they warned that the next move could be up or down, even if there was a disorderly Brexit. While it would be expected that Bank Rate could be cut if there was a significant fall in GDP growth as a result of a disorderly Brexit, so as to provide a stimulus to growth, they warned they could also raise Bank Rate in the same scenario if there was a boost to inflation from a devaluation of sterling, increases in import prices and more expensive goods produced in the UK replacing cheaper goods previously imported, and so on. In addition, the Chancellor could potentially provide fiscal stimulus to support economic growth, though at the cost of increasing the budget deficit above currently projected levels.

It is unlikely that the MPC would increase Bank Rate in February 2019, ahead of the deadline in March for Brexit. Getting parliamentary approval for a Brexit agreement on both sides of the Channel will take well into spring 2019. However, in view of the hawkish stance of the MPC at their November meeting, the next increase in Bank Rate is now forecast to be in May 2019, (on the assumption that a Brexit deal is agreed by both the UK and the EU). The following increases are then forecast to be in February and November 2020 before ending up at 2.0% in February 2022.

Inflation. The Consumer Price Index (CPI) measure of inflation has been falling from a peak of 3.1% in November 2017 to 2.1% in December 2018. In the November Bank of England quarterly Inflation Report, inflation was forecast to still be marginally above its 2% inflation target two years ahead (at about 2.1%), given a scenario of minimal increases in Bank Rate.

As for the **labour market** figures in October, unemployment at 4.1% was marginally above a 43 year low of 4% on the Independent Labour Organisation measure. A combination of job vacancies hitting an all-time high, together with negligible growth in total employment numbers, indicates that employers are now having major difficulties filling job vacancies with suitable staff. It was therefore unsurprising that wage inflation picked up to 3.3%, (3 month average regular pay, excluding bonuses). This meant that in real terms (i.e. wage rates less CPI inflation), earnings are currently growing by about 1.2%, the highest level since 2009. This increase in household spending power is likely to feed through into providing some support to the overall rate of economic growth in the coming months. This tends to confirm that the MPC was right to start on a cautious increase in Bank Rate in August as it views wage inflation in excess of 3% as increasing inflationary pressures within the UK economy.

In the **political arena**, the Brexit deal put forward by the Conservative minority government was defeated on 15th January. It is unclear at the time of writing how this situation will move forward. However, our central position is that Prime Minister May's government will endure, despite various setbacks, along the route to reaching an orderly Brexit, though the risks are increasing that it may not be possible to get full agreement by the UK and EU before 29th March 2019, in which case this withdrawal date is likely to be pushed back to a new date. If, however, the UK faces a general

election in the next 12 months, this could result in a potential loosening of monetary and fiscal policy and therefore medium to longer dated gilt yields could rise on the expectation of a weak pound and concerns around inflation picking up.

USA. President Trump's massive easing of fiscal policy is fuelling a (temporary) boost in consumption, which has generated an upturn in the rate of strong growth, which rose from 2.2% (annualised rate) in quarter 1 to 4.2% in quarter 2 and 3.5% (3.0% y/y) in quarter 3, but also an upturn in inflationary pressures. The strong growth in employment numbers and the reduction in the unemployment rate to 3.9%, near to a recent 49 year low, has fed through to an upturn in wage inflation which hit 3.2% in November. However, CPI inflation overall fell to 2.2% in November and looks to be on a falling trend to drop below the Fed's target of 2% during 2019. The Fed has continued on its series of increases in interest rates with another 0.25% increase in December to between 2.25% and 2.50%, this being the fifth increase in 2018 and the ninth in this cycle. However, they did also reduce their forecast for further increases from three to two. This latest increase compounded investor fears that the Fed is overdoing the speed and level of increases in rates and that it is going to cause a US recession as a result. There is also much evidence in previous monetary policy cycles of the Fed's series of increases doing exactly that. Consequently, we have seen stock markets around the world falling under the weight of fears around the Fed's actions, the trade war between the US and China, and an expectation that world growth will slow.

The tariff war between the US and China has been generating a lot of heat during 2018, but it is not expected that the current level of actual action would have much in the way of a significant effect on US or world growth. However, there is a risk of escalation if an agreement is not reached soon between the US and China.

Eurozone. Growth was 0.4% in quarters 1 and 2 but fell back to 0.2% in quarter 3, though this was probably just a temporary dip. In particular, data from Germany has been mixed and it could be negatively impacted by US tariffs on a significant part of manufacturing exports e.g. cars. For that reason, although growth is still expected to be in the region of nearly 2% for 2018, the horizon is less clear than it seemed just a short while ago. Having halved its quantitative easing purchases of debt in October 2018 to €15bn per month, the European Central Bank ended all further purchases in December 2018. The ECB is forecasting inflation to be a little below its 2% top limit through the next three years so it may find it difficult to warrant a start on raising rates by the end of 2019 if the growth rate of the EU economy is on a weakening trend.

China. Economic growth has been weakening over successive years, despite repeated rounds of central bank stimulus; medium term risks are increasing. Major progress still needs to be made to eliminate excess industrial capacity and the stock of unsold property, and to address the level of non-performing loans in the banking and credit systems. Progress has been made in reducing the rate of credit creation, particularly from the shadow banking sector, which is feeding through into lower economic growth. There are concerns that official economic statistics are inflating the published rate of growth.

Japan - has been struggling to stimulate consistent significant GDP growth and to get inflation up to its target of 2%, despite huge monetary and fiscal stimulus. It is also making little progress on fundamental reform of the economy. It is likely that loose monetary policy will endure for some years yet to try to stimulate growth and modest inflation.

Emerging countries. Argentina and Turkey are currently experiencing major headwinds and are facing challenges in external financing requirements well in excess of their reserves of foreign

exchange. However, these countries are small in terms of the overall world economy (around 1% each), so the fallout from the expected recessions in these countries will be minimal.

INTEREST RATE FORECASTS

The interest rate forecasts provided by Link Asset Services in paragraph 3.2 **are predicated on an assumption of an agreement being reached on Brexit between the UK and the EU.** On this basis, while GDP growth is likely to be subdued in 2019 due to all the uncertainties around Brexit depressing consumer and business confidence, an agreement is likely to lead to a boost to the rate of growth in 2020 which could, in turn, increase inflationary pressures in the economy and so cause the Bank of England to resume a series of gentle increases in Bank Rate. Just how fast and how far those increases will occur and rise to, will be data dependent. The forecasts in this report assume a modest recovery in the rate and timing of stronger growth and in the corresponding response by the Bank in raising rates.

- In the event of an **orderly non-agreement exit**, it is likely that the Bank of England would take action to cut Bank Rate from 0.75% in order to help economic growth deal with the adverse effects of this situation. This is also likely to cause short to medium term gilt yields to fall.
- If there was a **disorderly Brexit**, then any cut in Bank Rate would be likely to last for a longer period and also depress short and medium gilt yields correspondingly. It is also possible that the government could act to protect economic growth by implementing fiscal stimulus.

However there would appear to be a majority consensus in the Commons against any form of non-agreement exit so the chance of this occurring has now substantially diminished.

The balance of risks to the UK

- The overall balance of risks to economic growth in the UK is probably neutral.
- The balance of risks to increases in Bank Rate and shorter term PWLB rates are probably also even and are broadly dependent on how strong GDP growth turns out, how slowly inflation pressures subside, and how quickly the Brexit negotiations move forward positively.

One risk that is both an upside and downside risk, is that all central banks are now working in very different economic conditions than before the 2008 financial crash as there has been a major increase in consumer and other debt due to the exceptionally low levels of borrowing rates that have prevailed for ten years since 2008. This means that the neutral rate of interest in an economy (i.e. the rate that is neither expansionary nor deflationary) is difficult to determine definitively in this new environment, although central banks have made statements that they expect it to be much lower than before 2008. Central banks could therefore either over or under do increases in central interest rates.

Downside risks to current forecasts for UK gilt yields and PWLB rates currently include:

- **Brexit** – if it were to cause significant economic disruption and a major downturn in the rate of growth.

- **Bank of England monetary policy** takes action too quickly, or too far, over the next three years to raise Bank Rate and causes UK economic growth and increases in inflation to be weaker than we currently anticipate.
- A resurgence of the **eurozone sovereign debt crisis**, possibly in **Italy**, due to its high level of government debt, low rate of economic growth and vulnerable banking system, and due to the election in March of a government which has made a lot of anti-austerity noise. The EU rejected the initial proposed Italian budget and demanded cuts in government spending which the Italian government initially refused. However, a fudge was subsequently agreed, but only by *delaying* the planned increases in expenditure to a later year. This can have therefore only been kicked down the road to a later time. The rating agencies have started on downgrading Italian debt to one notch above junk level. If Italian debt were to fall below investment grade, many investors would be unable to hold it. Unsurprisingly, investors are becoming increasingly concerned by the words and actions of the Italian government and consequently Italian bond yields have risen – at a time when the government faces having to refinance large amounts of debt maturing in 2019.
- Weak capitalisation of some **European banks**. Italian banks are particularly vulnerable; one factor is that they hold a high level of Italian government debt - debt which is falling in value. This is therefore undermining their capital ratios and raises the question of whether they will need to raise fresh capital to plug the gap.
- **German minority government**. In the German general election of September 2017, Angela Merkel's CDU party was left in a vulnerable minority position dependent on the fractious support of the SPD party, as a result of the rise in popularity of the anti-immigration AfD party. Then in October 2018, the results of the Bavarian and Hesse state elections radically undermined the SPD party and showed a sharp fall in support for the CDU. As a result, the SPD is reviewing whether it can continue to support a coalition that is so damaging to its electoral popularity. After the result of the Hesse state election, Angela Merkel announced that she would not stand for re-election as CDU party leader at her party's convention in December 2018 (a new party leader has now been elected). However, this makes little practical difference as she is still expected to aim to continue for now as the Chancellor. However, there are five more state elections coming up in 2019 and EU parliamentary elections in May/June; these could result in a further loss of electoral support for both the CDU and SPD which could also undermine her leadership.
- **Other minority eurozone governments**. Spain, Portugal, Ireland, the Netherlands and Belgium all have vulnerable minority governments dependent on coalitions which could prove fragile. Sweden is also struggling to form a government due to the anti-immigration party holding the balance of power, and which no other party is willing to form a coalition with. The Belgian coalition collapsed in December 2018 but a minority caretaker government has been appointed until the May EU wide general elections.
- **Austria, the Czech Republic and Hungary** now form a strongly anti-immigration bloc within the EU while **Italy**, in 2018, also elected a strongly anti-immigration government. Elections to the EU parliament are due in May/June 2019.
- Further increases in interest rates in the US could spark a **sudden flight of investment funds** from more risky assets e.g. shares, into bonds yielding a much improved yield. Throughout the last quarter of 2018, we saw sharp falls in equity markets interspersed with occasional partial rallies. Emerging countries which have borrowed heavily in dollar denominated debt could be particularly exposed to this risk of an investor flight to safe havens e.g. UK gilts.
- There are concerns around the level of **US corporate debt** which has swollen massively during the period of low borrowing rates in order to finance mergers and

acquisitions. This has resulted in the debt of many large corporations being downgraded to a BBB credit rating, close to junk status. Indeed, 48% of total investment grade corporate debt is now rated at BBB. If such corporations fail to generate profits and cash flow to reduce their debt levels as expected, this could tip their debt into junk ratings which will increase their cost of financing and further negatively impact profits and cash flow.

- **Geopolitical risks**, especially North Korea, but also in Europe and the Middle East, which could lead to increasing safe haven flows.

Upside risks to current forecasts for UK gilt yields and PWLB rates

- **Brexit** – if both sides were to agree by 29th March a compromise that quickly removed all threats of economic and political disruption and so led to an early boost to UK economic growth.
- **The Fed causing a sudden shock in financial markets** through misjudging the pace and strength of increases in its Fed Funds Rate and in the pace and strength of reversal of QE, which then leads to a fundamental reassessment by investors of the relative risks of holding bonds, as opposed to equities. This could lead to a major flight from bonds to equities and a sharp increase in bond yields in the US, which could then spill over into impacting bond yields around the world.
- The **Bank of England is too slow** in its pace and strength of increases in Bank Rate and therefore allows inflation pressures to build up too strongly within the UK economy, which then necessitates a later rapid series of increases in Bank Rate faster than we currently expect.
- **UK inflation**, whether domestically generated or imported, returning to sustained significantly higher levels causing an increase in the inflation premium inherent to gilt yields.

Brexit timetable and process

- March 2017: UK government notified the European Council of its intention to leave under the Treaty on European Union Article 50 on 29 March 2019.
- 25.11.18 EU27 leaders endorsed the withdrawal agreement
- Dec 2018 vote in the UK Parliament on the agreement was postponed
- 21.12.18 – 8.1.19 UK parliamentary recess
- 15.1.19 Brexit deal defeated in the Commons vote by a large margin
- By 29.3.19 second vote (?) in UK parliament
- By 29.3.19 if the UK Parliament approves a deal, then ratification by the EU Parliament requires a simple majority
- By 29.3.19 if the UK and EU parliaments agree the deal, the EU Council needs to approve the deal; 20 countries representing 65% of the EU population must agree
- 29.3.19 Either the UK leaves the EU, or asks the EU for agreement to an extension of the Article 50 period if the UK Parliament has been unable to agree on a Brexit deal.
- 29.3.19 if an agreement is reached with the EU on the terms of Brexit, then this will be followed by a proposed **transitional period ending around December 2020.**

- UK continues as a full EU member until March 2019 with access to the single market and tariff free trade between the EU and UK. Different sectors of the UK economy may leave the single market and tariff free trade at different times during the transitional period.
- The UK and EU would attempt to negotiate, among other agreements, a bi-lateral trade agreement over that period.
- The UK would aim for a negotiated agreed withdrawal from the EU, although the UK could also exit without any such agreements in the event of a breakdown of negotiations.
- If the UK exits without an agreed deal with the EU, World Trade Organisation rules and tariffs could apply to trade between the UK and EU - but this is not certain.
- On full exit from the EU: the UK parliament would repeal the 1972 European Communities Act.

ANNEX 4 TREASURY MANAGEMENT PRACTICE (TMP1) CREDIT AND COUNTERPARTY RISK MANAGEMENT

SPECIFIED INVESTMENTS: All such investments will be sterling denominated, with **maturities up to maximum of 1 year**, meeting the minimum ‘high’ quality criteria where applicable.

NON-SPECIFIED INVESTMENTS: These are any investments which do not meet the specified investment criteria. A maximum of 25% will be held in aggregate in non-specified investments.

A variety of investment instruments will be used, subject to the credit quality of the institution, and, depending on the type of investment made, it will fall into one of the above categories.

The criteria, time limits and monetary limits applying to institutions or investment vehicles are:

Counterparty	Minimum credit criteria / colour band	£ limit per institution	Max. maturity period
DMADF – UK Government	N/A	£10m	6 months
UK Government gilts	UK sovereign rating	£10m	12 months
UK Government Treasury bills	UK sovereign rating	£10m	12 months
Bonds issued by multilateral development banks	AAA	£10m	6 months
Money Market Funds CNAV	AAA	£10m	Liquid
Money Market Funds LNAV	AAA	£10m	Liquid
Money Market Funds VNAV	AAA	£10m	Liquid
Local authorities	N/A	£10m	12 months
Term deposits with banks and building societies	Blue	£10m	12 months
	Orange		12 months
	Red		6 months
	Green		100 days
	No Colour		Not for use

Counterparty	Minimum credit criteria / colour band	£ limit per institution	Max. maturity period
CDs or corporate bonds with banks and building societies	Blue	£10m	12 months
	Orange		12 months
	Red		6 months
	Green		100 days
	No Colour		Not for use
Gilt funds	UK sovereign rating	£10m	
UK Part Nationalised Banks	Blue	£10m	
Non-Specified Investments			
Property Funds - the use of these instruments can be deemed as capital expenditure and as such will be an application (spending) of capital resources		£10m	Limit will be set based on level of reserves and balances going forward and appropriate due diligence will be undertaken before investment of this type
Wider Investment Funds - the use of these instruments can be deemed as capital expenditure and as such will be an application (spending) of capital resources		£10m	Limit will be set based on level of reserves and balances going forward and appropriate due diligence will be undertaken before investment of this type

Accounting treatment of investments. The accounting treatment may differ from the underlying cash transactions arising from investment decisions made by this Council. To ensure that the Council is protected from any adverse revenue impact, which may arise from these differences, we will review the accounting implications of new transactions before they are undertaken.

ANNEX 5 APPROVED COUNTRIES FOR INVESTMENT

This list is based on those countries which have sovereign ratings of AA- or higher (showing the lowest rating from Fitch, Moody's and S&P) and also (except - at the time of writing – for Hong Kong, Norway and Luxembourg) have banks operating in sterling markets which have credit ratings of green or above in the Link Asset Services credit worthiness service.

Based on lowest available rating

AAA

- Australia
- Canada
- Denmark
- Germany
- Luxembourg
- Netherlands
- Norway
- Singapore
- Sweden
- Switzerland

AA+

- Finland
- U.S.A.

AA

- Abu Dhabi (UAE)
- France
- Hong Kong
- U.K. *

AA-

- Belgium
- Qatar

(Per Link Asset Services 8/1/19)

* At its meeting of the 15th September 2009, full Council approved a recommendation that;

‘authorises the use of institutions currently supported by the UK Government should its Sovereign rating be downgraded below the current requirement for a ‘AAA’ rating by all three rating agencies’

this approval continues to form part of the strategy in 2018/19.

ANNEX 6 TREASURY MANAGEMENT SCHEME OF DELEGATION

(i) Full Council

- receiving and reviewing reports on Treasury Management policies, practices and activities.
- approval of annual strategy.
- approval of/amendments to the organisation's adopted clauses, Treasury Management Policy statement and Treasury Management practices.
- budget consideration and approval.
- approval of the division of responsibilities.
- receiving and reviewing regular monitoring reports and acting on recommendations.

(ii) Cabinet

- receiving and reviewing Treasury Management policy statement and Treasury Management practices and making recommendations to the full Council.
- receiving and reviewing regular monitoring reports and making recommendations to the full Council.
- approving the selection of external service providers and agreeing terms of appointment.

(iii) Audit and Governance Committee

- reviewing the Treasury Management policy and procedures and making recommendations to the Cabinet.
- receiving and reviewing regular monitoring and making recommendations to the Cabinet.

ANNEX 7 THE TREASURY MANAGEMENT ROLE OF THE SECTION 151 OFFICER

The S151 (responsible) Officer is responsible for

- recommending clauses, treasury management policy/practices for approval, reviewing the same regularly, and monitoring compliance
- submitting regular treasury management policy reports
- submitting budgets and budget variations
- receiving and reviewing management information reports
- reviewing the performance of the treasury management function
- ensuring the adequacy of treasury management resources and skills, and the effective division of responsibilities within the treasury management function
- ensuring the adequacy of internal audit, and liaising with external audit
- recommending the appointment of external service providers
- preparation of a capital strategy to include capital expenditure, capital financing, non-financial investments and treasury management, with a long term timeframe
- ensuring that the capital strategy is sustainable, affordable and prudent in the long-term and provides value for money
- ensuring that due diligence has been carried out on all treasury and non-financial investments and is in accordance with the risk appetite of the authority
- ensuring that the authority has appropriate legal powers to undertake expenditure on non-financial assets and their financing
- ensuring the proportionality of all investments so that the authority does not undertake a level of investing which exposes the authority to an excessive level of risk compared to its financial resources
- ensuring that an adequate governance process is in place for the approval, monitoring and ongoing risk management of all non-financial investments and long term liabilities
- provision to members of a schedule of all non-treasury investments including material investments in subsidiaries, joint ventures, loans and financial guarantees
- ensuring that members are adequately informed and understand the risk exposures taken on by an authority
- ensuring that the authority has adequate expertise, either in house or externally provided, to carry out the above
- creation of Treasury Management Practices which specifically deal with how non treasury investments will be carried out and managed, to include the following -
 - Risk management (TMP1), including investment and risk management criteria for any material non-treasury investment portfolios;
 - Performance measurement and management (TMP2), including methodology and criteria for assessing the performance and success of non-treasury investments;
 - Decision making, governance and organisation (TMP5), including a statement of the governance requirements for decision making in relation to non-treasury

investments; and arrangements to ensure that appropriate professional due diligence is carried out to support decision making;

- Reporting and management information (TMP6), including where and how often monitoring reports are taken;
- Training and qualifications (TMP10), including how the relevant knowledge and skills in relation to non-treasury investments will be arranged.

TREASURY MANAGEMENT PRACTICES

The Treasury Management Practices document (TMPs) forms detailed operational procedures and processes for the Treasury Management function. This document can be found on the Council's Internet by following the following link;

<http://www.tamworth.gov.uk/treasury-practices>

and clicking on the TMPs folder.

The items below are summaries of the individual TMPs which the Council has to produce and adopt under the Treasury Code of Practice.

TMP1 : RISK MANAGEMENT

General Statement

The Section 151 Officer will design, implement and monitor all arrangements for the identification, management and control of Treasury Management risk; will report at least annually on the adequacy / suitability of the arrangements and will report, as a matter of urgency, the circumstances of any actual or likely difficulty in achieving the Council's objectives. The reports will be in accordance with the procedures contained in TMP6.

1.1 Credit and Counterparty Risk Management

Credit and counter-party risk is the risk of failure by a counterparty to meet its contractual obligations to the organisation under an investment, borrowing, capital project or partnership financing, particularly as a result of the counterparty's diminished creditworthiness, and the resulting detrimental effect on the organisation's capital or current (revenue) resources.

This organisation regards a key objective of its Treasury Management activities to be the security of the principal sums it invests. Accordingly, it will ensure that its counterparty lists and limits reflect a prudent attitude towards organisations with which funds may be deposited, and will limit its investment activities to the instruments, methods and techniques referred to in TMP4 Approved Instruments Methods and Techniques and detailed in the TMP Operational document.

It also recognises the need to have, and will therefore maintain, a formal counterparty policy in respect of those organisations from which it may borrow, or with whom it may enter into other financing arrangements.

1.2 Liquidity Risk Management

This is the risk that cash will not be available when it is needed, that ineffective management of liquidity creates additional unbudgeted costs, and that the organisation's business/service objectives will be thereby compromised.

This organisation will ensure it has adequate though not excessive cash resources, borrowing arrangements, overdraft or standby facilities to enable it at all times to have the level of funds available to it which are necessary for the achievement of its business/service objectives. This organisation will only borrow in advance of need where there is a clear business case for doing so and will only do so for the current capital programme or to finance future debt maturities.

1.3 Interest Rate Risk Management

The risk that fluctuations in the levels of interest rates create an unexpected or unbudgeted burden on the organisation's finances, against which the organisation has failed to protect itself adequately.

This organisation will manage its exposure to fluctuations in interest rates with a view to containing its interest costs, or securing its interest revenues, in accordance with the amounts provided in its budgetary arrangements as amended in accordance with TMP6 Reporting requirements and management information arrangements.

It will achieve this by the prudent use of its approved financing and investment instruments, methods and techniques, primarily to create stability and certainty of costs and revenues, but at the same time retaining a sufficient degree of flexibility to take advantage of unexpected, potentially advantageous changes in the level or structure of interest rates. This should be the subject to the consideration and, if required, approval of any policy or budgetary implications.

1.4 Exchange Rate Risk Management

The risk that fluctuations in foreign exchange rates create an unexpected or unbudgeted burden on the organisation's finances, against which the organisation has failed to protect itself adequately.

The Council will manage its exposure to fluctuations in exchange rates so as to minimise any detrimental impact on its budgeted income/expenditure levels.

1.5 Inflation Rate Risk Management

Inflation risk, also called purchasing power risk, is the chance that cash flows from an investment won't be worth as much in the future because of changes in purchasing power due to inflation.

The Council will keep under review the sensitivity of its treasury assets and liabilities to inflation, and will seek to manage the risk accordingly in the context of the whole organisation's inflation exposures.

1.6 Refinancing Risk Management

The risk that maturing borrowings, capital, project or partnership financings cannot be refinanced on terms that reflect the provisions made by the organisation for those refinancings, both capital and current (revenue), and/or that the terms are inconsistent with prevailing market conditions at the time.

The Council will ensure that its borrowing, private financing and partnership arrangements are negotiated, structured and documented, and the maturity profile of the monies so raised is managed, with a view to obtaining offer terms for renewal or refinancing, if required, which are competitive and as favourable to the organisation as can reasonably be achieved in the light of market conditions prevailing at the time.

It will actively manage its relationships with its counterparties in these transactions in such a manner as to secure this objective, and will avoid over reliance on any one source of funding if this might jeopardise achievement of the above.

1.7 Legal and Regulatory Risk Management

The risk that the organisation itself, or an organisation with which it is dealing in its Treasury Management activities, fails to act in accordance with its legal powers or regulatory requirements, and that the organisation suffers losses accordingly.

The Council will ensure that all of its Treasury Management activities comply with its statutory powers and regulatory requirements. It will demonstrate such compliance, if required to do so, to all parties with whom it deals in such activities. In framing its credit and counterparty policy under TMP1[1] credit and counterparty risk management, it will ensure that there is evidence of counterparties' powers, and compliance in respect of the transactions they may effect with the organisation, particularly with regard to duty of care and fees charged.

This organisation recognises that future legislative or regulatory changes may impact on its Treasury Management activities and, so far as it is reasonably able to do so, will seek to minimise the risk of these impacting adversely on the organisation.

1.8 Fraud, Error and Corruption, and Contingency Management

The risk that an organisation fails to identify the circumstances in which it may be exposed to the risk of loss through fraud, error, corruption or other eventualities in its Treasury Management dealings, and fails to employ suitable systems and procedures and maintain effective contingency management arrangements to these ends. It includes the area of risk commonly referred to as operational risk.

This organisation will ensure that it has identified the circumstances which may expose it to the risk of loss through fraud, error, corruption or other eventualities in its Treasury Management dealings. Accordingly, it will employ suitable systems and procedures, and will maintain effective contingency management arrangements, to these ends.

The Council will therefore:-

- a) Seek to ensure an adequate division of responsibilities and maintenance at all times of an adequate level of internal check which minimises such risks.
- b) Fully document all its Treasury Management activities so that there can be no possible confusion as to what proper procedures are.
- c) Ensure that staff will not be allowed to take up Treasury Management activities until they have had proper training in procedures and are then subject to an adequate and appropriate level of supervision.

Records will be maintained of all Treasury Management transactions so that there is a full audit trail and evidence of the appropriate checks being carried out.

1.9 Price Risk Management

The risk that, through adverse market fluctuations in the value of the principal sums an organisation borrows and invests, its stated Treasury Management policies and objectives are compromised, against which effects it has failed to protect itself adequately.

The Council will seek to ensure that its stated Treasury Management policies and objectives will not be compromised by adverse market fluctuations in the value of the principal sums it invests, and will accordingly seek to protect itself from the effects of such fluctuations.

TMP2 : PERFORMANCE MEASUREMENT

The Council is committed to the pursuit of best value in its Treasury Management activities, and to the use of performance methodology in support of that aim, within the framework set out in the Treasury Management Policy Statement.

The Treasury Management function will be the subject of ongoing analysis of the value it adds in support of the Council's stated service objectives. It will be the subject of regular examination of alternative methods of service delivery, of the availability of fiscal, grant or subsidy incentives, and the scope for other potential improvements. The performance of the Treasury Management function will be measured using the criteria set out in the detailed TMP Operational document.

TMP3 : DECISION-MAKING AND ANALYSIS

The Council will maintain full records of its Treasury Management decisions, and of the processes and practices applied in reaching those decisions, both for the purposes of learning from the past, and for demonstrating that reasonable steps were taken to ensure that all issues relevant to those decisions were taken into account at the time. The issues to be addressed and processes and practices to be pursued in reaching decisions are set out in the detailed TMP Operational document.

TMP4 : APPROVED INSTRUMENTS, METHODS AND TECHNIQUES

The Council will undertake its Treasury Management activities by employing only those instruments, methods and techniques set out in the detailed TMP Operational document and within the limits and parameters defined in TMP1.

TMP5 : ORGANISATION, CLARITY AND SEGREGATION OF RESPONSIBILITIES, AND DEALING ARRANGEMENTS

The Council considers it essential, for the purposes of the effective control and monitoring of its Treasury Management activities, for the reduction of risk of fraud or error, and for the pursuit of optimum performance, that these activities are structured and managed in a fully integrated manner, and that there is at all times clarity of Treasury Management responsibilities.

The principle on which this will be based is the clear distinction between those charged with setting Treasury Management policies and those charged with implementing and controlling these policies, particularly with regard to the execution and transmission of funds, the

recording and administering of Treasury Management decisions and the audit and review of the Treasury Management function.

If and when this organisation intends, as a result of lack of resources or other circumstances, to depart from these principles, the Section 151 Officer will ensure that the reasons are properly reported in accordance with TMP6 and the implications properly considered and evaluated.

The Section 151 Officer will ensure that there are clear written statements of the responsibilities for each post engaged in Treasury Management, and the arrangements for absence cover. He will also ensure that at all times those engaged in Treasury Management will follow the policies and procedures set out. The present arrangements are set out in the detailed TMP Operational document.

The Section 151 Officer will ensure that there is proper documentation for all deals and transactions, and that procedures exist for the effective transmission of funds. The present arrangements are set out in the detailed TMP Operational document.

The delegations to the Section 151 Officer in respect of Treasury Management are set out in the detailed TMP Operational document. He will fulfil all such responsibilities in accordance with the Council's policy statement and TMPs and, if a CIPFA member, the Standard of Professional Practice on Treasury Management.

TMP6 : REPORTING REQUIREMENTS AND MANAGEMENT INFORMATION ARRANGEMENTS

The Council will ensure that regular reports are prepared and considered on the implementation of its Treasury Management policies; on the effects of decisions taken and transactions executed in pursuit of those policies; implications of changes, particularly budgetary, resulting from regulatory, economic, market or other factors affecting its Treasury Management activities; and on the performance of the Treasury Management function.

As a minimum Cabinet and Council will receive:

- An annual report on the planned strategy to be pursued in the coming year and the reporting of Prudential Indicators.
- A mid-year review
- An annual report on the performance of the Treasury Management function including the performance against the Prudential Indicators, the effects of the decisions taken and the transactions executed in the past year and on any circumstances of non-compliance with the Council's Treasury Management policy statement and TMPs.

Cabinet will receive regular monitoring reports on Treasury Management activities and risks.

The Audit and Governance Committee will have responsibility for the scrutiny of Treasury Management policies and practices.

The Treasury Management indicators will be considered together with the Treasury Management indicators in the Prudential Code as part of the budget approval process.

The present arrangements and the form of these reports are set out in the detailed TMP Operational document.

TMP7 : BUDGETING, ACCOUNTING AND AUDIT ARRANGEMENTS

The Section 151 Officer will prepare and Council will approve and, if necessary from time to time, will amend, an annual budget for Treasury Management, which will bring together all of the costs involved in running the Treasury Management function together with associated income. The matters to be included will at minimum be those required by statute or regulation, together with such information as will demonstrate compliance with TMP1, TMP2 and TMP4.

The Section 151 Officer will exercise effective controls over this budget and report upon and recommend any changes required in accordance with TMP6.

The Council will account for its Treasury Management activities, for decisions made and transactions executed in accordance with appropriate accounting practices and standards, and with statutory and regulatory requirements in force for the time being.

TMP8 : CASH AND CASH FLOW MANAGEMENT

Unless statutory or regulatory requirements demand otherwise, all monies in the hands of the Council will be under the control of the Section 151 Officer and will be aggregated for cash flow and investment management purposes. Cash flow projections will be prepared on a regular and timely basis and the Section 151 Officer will ensure that these are adequate for the purpose of monitoring compliance with TMP1. The present arrangements for preparing cash flow projections, and their form, are set out in the detailed TMP Operational document.

TMP9 : MONEY LAUNDERING

The Council is alert to the possibility that it may become the subject of an attempt to involve it in a transaction involving the laundering of money. The Council will, therefore, maintain procedures for verifying and recording the identity of counterparties and reporting suspicions, and will ensure that all staff involved are properly trained. The present arrangements, including the name of the officer to whom reports should be made, are set out in the detailed TMP Operational document.

TMP10 : TRAINING AND QUALIFICATIONS

The Council recognises the importance of ensuring that all staff involved in the Treasury Management function are fully equipped to undertake the duties and responsibilities allocated to them. It will seek to appoint individuals, who are both capable and experienced and will provide training for staff to enable them to acquire and maintain an appropriate level of expertise, knowledge and skills. The Section 151 Officer will recommend and implement the necessary arrangements.

The Section 151 Officer will ensure that Council members tasked with Treasury Management responsibilities, including those responsible for scrutiny, have access to training relevant to their needs and those responsibilities.

Those charged with governance recognise their individual responsibility to ensure that they have the necessary skills to complete their role effectively.

TMP11 : USE OF EXTERNAL SERVICE PROVIDERS

The Council recognises that responsibility for the Treasury Management decisions remains with the Council at all times. It recognises that there may be potential value in employing external providers of Treasury Management services, in order to acquire access to specialist skills and resources. When it employs such service providers, it will ensure it does so for reasons which will have been submitted to a full evaluation of the costs and benefits. Terms of appointment will be properly agreed, documented and subject to regular review. It will ensure, where feasible and necessary, that a spread of service providers is used, to avoid over reliance on one or a small number of companies. Where services are subject to formal tender or re-tender arrangements, legislative requirements will always be observed. The monitoring of such arrangements rests with the Section 151 Officer, and details of the current arrangements are set out in the detailed TMP Operational document.

TMP12 : CORPORATE GOVERNANCE

The Council is committed to the pursuit of proper corporate governance throughout its services, and to establishing the principles and practices by which this can be achieved. Accordingly the Treasury Management function and its activities will be undertaken with openness, transparency, honesty, integrity and accountability.

The Council has adopted and implemented the key recommendations of the Code. This, together with the other arrangements are set out in the detailed TMP Operational document and are considered vital to the achievement of proper governance in Treasury Management, and the Section 151 Officer will monitor and, if and when necessary, report upon the effectiveness of these arrangements.

TMP 13: MANAGEMENT PRACTICES FOR NON-TREASURY INVESTMENTS

This Council recognises that investment in other financial assets and property primarily for financial return, taken for non-treasury management purposes, requires careful investment management. Such activity includes loans supporting service outcomes, investments in subsidiaries, and investment property portfolios.

The Council will ensure that all of its investments are covered in the capital strategy and/or investment strategy, and will set out, where relevant, the Council's risk appetite and specific policies and arrangements for non-treasury investments. It will be recognised that the risk appetite for these activities may differ from that for treasury management.

The Council maintains a schedule setting out a summary of existing material investments, subsidiaries, joint ventures and liabilities including financial guarantees and the Council's risk exposure.

The following TMPs will apply with regard to non-treasury management investments:-

TMP1 - Risk management - including investment and risk management criteria for material non-treasury investment portfolios

TMP2 - Performance measurement and management - including methodology and criteria for assessing the performance and success of non-treasury investments

TMP5 - Decision making and analysis - including a statement of the governance requirements for decision-making in relation to non-treasury investments, and arrangements to ensure that appropriate professional due diligence is carried out to support decision making

TMP6 - Reporting and management information - including where and how often monitoring reports are taken

TMP10 - Training and qualifications - including how the relevant knowledge and skills in relation to non-treasury investments will be arranged.

ANNEX 9

Treasury Management Glossary of Terms

Bank Rate	The Official Bank rate paid on commercial bank reserves i.e. reserves placed by commercial banks with the Bank of England as part of the Bank's operations to reduce volatility in short term interest rates in the money markets.
Base Rate	Minimum lending rate of a bank or financial institution in the UK.
Capital Financing Requirement	The Council's underlying need for borrowing for a capital purpose.
Counterparty	The organisations responsible for repaying the Council's investment upon maturity and for making interest payments.
Credit Default Swap (CDS)	A specific kind of counterparty agreement which allows the transfer of third party credit risk from one party to the other. One party in the swap is a lender and faces credit risk from a third party, and the counterparty in the credit default swap agrees to insure this risk in exchange for regular periodic payments (essentially an insurance premium). If the third party defaults, the party providing insurance will have to purchase from the insured party the defaulted asset. In turn, the insurer pays the insured the remaining interest on the debt, as well as the principal.
Credit Rating	This is a scoring system that lenders issue organisations with, to determine how credit worthy they are.
Gilts	These are issued by the UK Government in order to finance public expenditure. Gilts are generally issued for a set period and pay a fixed rate of interest for the period.
iTraxx	This is an index published by Markit who are a leading company in CDS pricing and valuation. The index is based on an equal weighting of the CDS spread of 25 European financial companies.

	<p>Clients can use the iTraxx to see where an institution's CDS spread is relative to that of the market and judge its creditworthiness in that manner, as well as looking at the credit ratings.</p>
Liquidity	<p>An asset is perfectly liquid if one can trade immediately, at a price not worse than the uninformed expected value, the quantity one desires.</p>
Long term	<p>A period of one year or more.</p>
Maturity	<p>The date when an investment is repaid or the period covered by a fixed term investment.</p>
Minimum Revenue Provision	<p>Capital expenditure is generally expenditure on assets which have a life expectancy of more than one year e.g. buildings, vehicles, machinery etc. It would be impractical to charge the entirety of such expenditure to revenue in the year in which it was incurred therefore such expenditure is spread over several years in order to try to match the years over which such assets benefit the local community through their useful life. The manner of spreading these costs is through an annual Minimum Revenue Provision.</p>
Monetary Policy Committee (MPC)	<p>Interest rates are set by the Bank's Monetary Policy Committee. The MPC sets an interest rate it judges will enable the inflation target to be met. Their primary target (as set by the Government) is to keep inflation at or around 2%.</p>
Security	<p>An investment instrument, issued by a corporation, government, or other organization which offers evidence of debt or equity.</p>
Short Term	<p>A period of 364 days or less</p>
Supranational Bonds	<p>A supranational entity is formed by two or more central governments with the purpose of promoting economic development for the member countries. Supranational institutions finance their activities by issuing debt, such as supranational bonds. Examples of supranational institutions include the European Investment Bank and the World Bank.</p>

	<p>Similarly to the government bonds, the bonds issued by these institutions are considered very safe and have a high credit rating.</p>
Treasury Management	<p>The management of the local authority's investments and cash flows, its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks.</p>
Working Capital	<p>Cash and other liquid assets needed to finance the everyday running of a business such as the payment of salaries and purchases.</p>
Yield	<p>The annual rate of return on an investment, expressed as a percentage.</p>

ANNEX 10

PRUDENTIAL INDICATORS – DEFINITIONS / INTERPRETATION

CIPFA's Prudential Code for Capital Finance requires local authorities to prepare Prudential Indicators of their intended capital spending plans for the forthcoming and future years. The indicators are intended to help the decision making process within an authority and must be approved by the full Council before the beginning of the financial year. The indicators are neither comparative statistics nor performance indicators. Different Councils will have different figures reflecting their history and local circumstances.

1. **Estimate of total capital expenditure to be incurred** – This summarises the Council's current plans for the total capital expenditure over the next 3 years. Details of individual schemes are contained within the capital estimate pages.

2. **Estimates of Capital Financing Summary** – This details the capital financing sources for the next 3 years.

3. **Estimated Ratio of financing costs to net revenue stream** - This indicator has been calculated as debt interest, borrowing refinancing costs, minimum revenue provision, depreciation for HRA, net of investment income and divided by the General Fund (GF) budget requirement for the GF element of costs and the total of HRA income for the HRA costs. For GF Account, the indicator has been calculated gross of government support in the form of RSG for the proportion of capital expenditure funded from supported level of borrowing.

4. **Capital Financing Requirement** – This represents the Council's underlying need to borrow to finance historic capital expenditure and is derived by aggregating specified items from the Council's balance sheet. The actual **net borrowing** is lower than this because of the current strategy to use internal borrowing rather than replace maturing debt.

5. **Actual External Debt** – This is a key indicator and Section 3 of the Local Government Act 2003 requires the Council to ensure that gross external debt does not, except in the short term, exceed the total of the Capital Financing Requirement in the preceding year plus estimates of any additional capital financing requirement for the current and next two financial years.

6. **Authorised Borrowing Limit for external debt** - This indicator represents the maximum amount the Council may borrow at any point in time in the year and has to be set at a level the Council considers is **prudent**. It allows for uncertain cash flow movements and borrowing in advance for future requirements. The Council does not currently have any finance lease liabilities.

The recommended authorised limits for external debt are gross of investments and are consistent with the Council's current commitments, existing plans and the current treasury management policy and strategy. The authorised limit determined for 2018- 19 is the statutory limit determined under section 3(1) of the Local Government Act 2003.

7. Operational Boundary for external debt - The proposed operational boundary for external debt is calculated on the same estimates as the authorised limit but reflects estimates of the most likely, prudent but not worst case scenario, without the additional headroom included within the authorised limit to allow for example for unusual cash movements, and equates to the maximum of external debt projected by this estimate. Within the operational boundary, figures for borrowing and other long term liabilities are separately identified.

8. Treasury Management – these indicators form part of the treasury management strategy and policy statement approved by the Council each year before the beginning of the financial year. The main indicators are:

(a) The adoption of **CIPFA Code of Practice for Treasury Management**, which the Council adopted before the current Prudential System was introduced.

(b) **Interest Rate Exposure** - The approved Treasury Policy Statement and Strategy contains upper and lower limits for fixed and variable interest rate exposure for net outstanding principal sums.

(c) **Maturity Structure of Borrowing** – The approved treasury management strategy also sets out the maturity structure of the Council's borrowing to ensure the Council is not exposed to risks of having to refinance large level of debt at a time in future when interest rates may be volatile or uncertain.

(d) **Investments longer than 365 days** – The approved treasury management strategy includes a limit of £20m for investments maturing beyond 365 days.